

ABSTRACT

Apparatuses, articles, and methods are provided to screen broadcast signals during a channel locking procedure, thereby enabling fast rejection of unwanted signals and/or fast locking onto wanted signals by a broadband demodulator. The method may include determining whether to continue a channel locking procedure, by applying at least one predetermined criterion to interim data resulting from at least one act of the channel locking procedure. The method may be executed by a state machine, using a channel lock sensing mechanism.